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Ken ✓



QUALITY CERTIFICATE

INSPECTORATE

Vessel	"Submitted Analysis"	Port	Providence, RI	Report	013106
Customer	Sprague Energy	Date	January 12, 2006	Reference	
Operation	Analysis	Terminal	Sprague Providence	Sample #	302578

Name of material being tested
Description of sample source
Samples Drawn by (company)
Samples Tested by (company)

No 6 Fuel Oil

Shore Tank #6 After Discharge
Inspectorate
Inspectorate

Tests being Performed	Test method	Sample Results		
Gravity API @ 60F / Density	D - 4052	11.0	/	0.9927
Flash Point, PMCC, F	D - 93		204	
Viscosity cSt @ 122F	D - 445		288.0	
Viscosity SSF @ 122F	D - 2161		136.0	
Pour Point C / F	D - 97		0 / 32	
Sulfur, Wt%	D - 4294		0.999	
Water and Sediment, Vol %	D - 1796		0.010	
Sediment by Extraction, wt%	D - 473		0.02	
Water by Distillation, Vol%	D - 95		0.01	
Gross Heat of Combustion, BTU / lb	D - 240		18,631	
Gross Heat of Combustion, BTU / gal	D - 240		150,481	
Ash, wt %	D - 482		0.034	
Vanadium, ppm	D - 5863		26	
Sodium, ppm	D - 5863		24	
Nitrogen, wt%	D - 5762		0.431	
Ashphaltenes, wt%	IP - 143		0.28	
Conradson Carbon Residue, wt%	D - 189		7.89	
<p>SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.</p>				

** Annotates Analysis Contracted Out

*** Annotates Loadport information- this test was not performed by Inspectorate